

OPINION 1152

OPHIURA LAMARCK, 1801 AND *OPHIODERMA* MÜLLER
& TROSCHEL, 1840 (OPHIUROIDEA):
RULING ON APPLICATION OF THESE NAMES

RULING — (1) Under the plenary powers all designations of lectotype for the nominal species *Asterias ophiura* Linnaeus, 1758, hitherto made are hereby set aside, and the specimen illustrated by Linck, 1733, plate 2, number 4, is hereby designated as lectotype of that species.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

- (a) *Ophiura* Lamarck, 1801 (gender: feminine), type species by absolute tautonymy, *Asterias ophiura* Linnaeus, 1758 (Name Number 2102);
- (b) *Ophioderma* Müller & Troschel, 1840 (gender: feminine), type species, by subsequent designation by H.L. Clark, 1915, *Asterias longicauda* Retzius, 1805 (Name Number 2103).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

- (a) *ophiura* Linnaeus, 1758, as published in the binomen *Asterias ophiura*, and as defined by the lectotype designated under the plenary powers in (1) above (specific name of type species of *Ophiura* Lamarck, 1801) (Name Number 2704);
- (b) *longicauda* Retzius, 1805, as published in the binomen *Asterias longicauda* (specific name of type species of *Ophioderma* Müller & Troschel, 1840) (Name Number 2705).

(4) The following family-group names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers specified:

- (a) OPHIURIDAE Müller & Troschel, 1840 (type genus *Ophiura* Lamarck, 1801) (Name Number 504);
- (b) OPHIODERMATIDAE Ljungman, 1867 (type genus *Ophioderma* Müller & Troschel, 1840) (Name Number 505).

HISTORY OF THE CASE Z.N.(S) 1772

An application for the stabilisation of some names of common European Ophiuroidea was first received from Miss Ailsa Clark (*British Museum (Natural History), London*) on 7 September 1966. It was sent to the printer on 10 January 1967 and published on 27 April 1967 in *Bull. zool. Nom.* vol. 24, pp. 98-115. Objections to the application were raised by Dr L.B. Holthuis, and the case was not then pursued further. When I came to examine the file in April 1974, I saw that progress could only be made by studying the many names involved individually, and Miss Clark kindly agreed to this procedure. We then prepared a fresh application concerning only *Ophiura* and *Ophioderma* which was sent to the printer on 14 October 1975 and published on 30 January 1976 in *Bull. zool. Nom.* vol. 32, pp. 265-267. Public notice of the possible use of the plenary powers in the case was given in the same part of the *Bulletin* as well as to the statutory serials and to seven other serials. No comments were received.

DECISION OF THE COMMISSION

On 20 August 1979 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1979)9 for or against the proposals set out in *Bull. zool. Nom.* vol. 32, p. 267. At the close of the voting period on 20 November 1979 the state of the voting was as follows:

Affirmative Votes – nineteen (19) received in the following order: Melville, Vokes, Holthuis, Alvarado, Hahn, Mroczkowski, Willink, Trjapitzin, Tortonese, Sabrosky, Welch, Brinck, Bernardi, Habe, Dupuis, Corliss, Bayer, Heppell, Nye

Negative Votes – none (0).

Late affirmative votes were sent in by Kraus, Halvorsen and Starobogatov. Ride was on leave of absence. No vote was returned by Binder and Cogger.

The following comments were sent in by members of the Commission with their voting papers:

Hahn: 'In the application the authorship and date of OPHIURIDAE are given as Müller & Troschel, 1840 (as "Ophiuren"); this is in accordance with Article 11e(iii). But the *Treatise on Invertebrate Paleontology* p. U93 gives "OPHIURIDAE Lyman, 1865", and Lyman, as far as I know, was the first author to use the fully latinised form of that family name. I fear that at least in the palaeontological literature most authors will follow the *Treatise*.'

Tortonese: 'It must be admitted that it is very regrettable

to abandon the specific name *texturata* for a species of *Ophiura* so widely known under that name.'

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists by the ruling given in the present Opinion:

longicauda, *Asterias*, Retzius, 1805, *Diss. sist. spec. cogn. Ast.*, p. 29
Ophioderma Müller & Troschel, 1840, *Arch. Naturges.* Jahrgang 6, vol. 1, p. 329

OPHIODERMATIDAE Ljungman, 1867, *Ofv. k. Vetensk. Akad. Forh.*, for 1866, p. 303

Ophiura Lamarck, 1801, *Syst. anim. s. vert.*, p. 350

ophiura, *Asterias*, Linnaeus, 1758, *Syst. Nat.* ed. 10, vol. 1, p. 662

OPHIURIDAE Müller & Troschel, 1840, *Arch. Naturges.* Jahrgang 6, vol. 1, p. 329.

CERTIFICATE

I certify that the votes cast on V.P.(79)9 were cast as set out above, that the proposal contained in that voting paper has been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1152.

R.V. MELVILLE

Secretary

International Commission on Zoological Nomenclature

London

4 January 1980